

XMit 2022.02.07.0

Testing was performed using the mode(s) of operation and configuration(s) noted within the report. The individuals and/or the organization requesting the test provided the modes, configurations and settings used to complete the evaluation. The actual test parameters are specified in the test data, this includes items such as investigated frequency range (scanned) and test levels. The testing methods and performance specifications, as well as the test site used for the evaluation are indicated in the test data.

TEST EQUIPMENT

| Description | Manufacturer | Model | ID | Last Cal. | Cal. Due |
|--------------------|--------------------|--------|-----|------------|------------|
| Generator - Signal | Agilent | N5173B | TIW | 2020-07-17 | 2023-07-17 |
| Block - DC | Fairview Microwave | SD3379 | AMT | 2021-09-14 | 2022-09-14 |
| Receiver | Rohde & Schwarz | ESR26 | ARQ | 2021-05-11 | 2022-05-11 |

TEST DESCRIPTION

The measurement was made using a direct connection between the RF output of the EUT and a spectrum analyzer.

Because the conducted Output Power was measured using a RMS Average detector, the Peak to Average Power Ratio (PAPR) was measured to show that the maximum peak-max-hold spectrum to the maximum of the average spectrum does not exceed the rule part defined limit.

The PAPR measurement method is described in ANSI C63.26 section 5.2.3.4. The PAPR was measured using the CCDF function of the spectrum analyzer.

Per FCC part 24.232(d) and RSS 133 6.4, the PAPR limit shall not exceed 13 dB for more than the ANSI described 0.1% of the time.

Per FCC part 27.50(d)(5), RSS-139 6.5, and RSS-170 5.3.1, the peak-to-average power ratio (PAPR) shall not exceed 13dB.

RF conducted emissions testing was performed only on one port. All four AHFII antenna ports are essentially electrically identical (the RF power variation between antenna ports is small as shown in this certification testing) and antenna port 1 was selected to perform the testing under this effort as allowed by ANSI C63.26-2015 paragraphs 5.2.5.3, 5.7.2i, and 6.4.



| | | | | TbtTx 2021.12.14.1 | XMit 2022. |
|---|---|--|--|--|--|
| | II Remote Radio Hea | ad | Work Order: | | |
| Serial Number: YK214000036 | | | Date: | 28-Feb-22 | |
| Customer: Nokia Solutions and Networks Attendees: David Le, John Rattanavong Project: None Tested by: Mark Baytan Power: 54 VDC | | | Temperature: | 22.6 °C | |
| | | | Humidity: | 23.7% RH | |
| | | | Barometric Pres.: | | |
| | | | Job Site: | TX09 | |
| EST SPECIFICATIONS | i i i i i i i i i i i i i i i i i i i | Test Method | | | |
| C 24E:2022 | | ANSI C63.26:2015 | | | |
| SS-133 Issue 6:2013+A | A1:2018 | RSS-133 Issue 6:2013+A1:201 | 8 | | |
| OMMENTS | | | | | |
| | | n the reference level offest including any attenuators, filters, and DC blocks. Band 25 d | | | |
| VIATIONS FROM TES | ST STANDARD | | | | |
| one | | | | | |
| onfiguration # | 2 | Signature | | | |
| | | Signature | PAPR | PAPR | |
| | | | Value (dB) | Limit (dB) | Results |
| | 5 MHz Bandy | a sa dia ba | | | |
| | | | | | |
| | | E-TM1.1 with N-TM | 7.08 | 13 | Pass |
| | | E-TM1.1 with N-TM Low Channel, 1932.5 MHz | 7.08 7.06 | 13 13 | Pass Pass |
| | | E-TM1.1 with N-TM Low Channel, 1932.5 MHz Mid Channel, 1962.5 MHz | | | |
| | 10 MHz Band | E-TM1.1 with N-TM Low Channel, 1932.5 MHz Mid Channel, 1962.5 MHz High Channel, 1992.5 MHz | 7.06 | 13 | Pass |
| | 10 MHz Band | E-TM1.1 with N-TM Low Channel, 1932.5 MHz Mid Channel, 1962.5 MHz High Channel, 1992.5 MH: dwdith | 7.06 | 13 | Pass |
| | 10 MHz Band | E-TM1.1 with N-TM Low Channel, 1932.5 MHz Mid Channel, 1962.5 MHz High Channel, 1992.5 MH: dwdith E-TM1.1 with N-TM | 7.06 7.04 | 13 13 | Pass Pass |
| | 10 MHz Band | E-TM1.1 with N-TM Low Channel, 1932.5 MHz Mid Channel, 1962.5 MHz High Channel, 1992.5 MH; dwdith E-TM1.1 with N-TM Low Channel, 1935 MHz | 7.06 7.04 7.20 | 13 13 13 | Pass Pass Pass |
| | 10 MHz Band | E-TM1.1 with N-TM Low Channel, 1932.5 MHz Mid Channel, 1962.5 MHz High Channel, 1992.5 MHz dwdith E-TM1.1 with N-TM Low Channel, 1935 MHz Mid Channel, 1962.5 MHz High Channel, 1990 MHz dwdith | 7.06 7.04 7.20 7.13 | 13 13 13 13 13 | Pass Pass Pass Pass Pass |
| | 10 MHz Band | E-TM1.1 with N-TM Low Channel, 1932.5 MHz Mid Channel, 1962.5 MHz High Channel, 1992.5 MHz dwdith E-TM1.1 with N-TM Low Channel, 1935 MHz Mid Channel, 1962.5 MHz High Channel, 1990 MHz dwdith E-TM1.1 with N-TM | 7.06 7.04 7.20 7.13 7.16 | 13 13 13 13 13 13 | Pass Pass Pass Pass Pass Pass |
| | 10 MHz Band | E-TM1.1 with N-TM Low Channel, 1932.5 MHz Mid Channel, 1962.5 MHz High Channel, 1992.5 MHz dwdith E-TM1.1 with N-TM Low Channel, 1935 MHz Mid Channel, 1962.5 MHz High Channel, 1962.5 MHz dwdith E-TM1.1 with N-TM Low Channel, 1937.5 MHz | 7.06 7.04 7.20 7.13 | 13 13 13 13 13 13 13 | Pass Pass Pass Pass Pass |
| | 10 MHz Band | E-TM1.1 with N-TM Low Channel, 1932.5 MHz Mid Channel, 1962.5 MHz High Channel, 1992.5 MHz dwdith E-TM1.1 with N-TM Low Channel, 1935 MHz Mid Channel, 1962.5 MHz High Channel, 1990 MHz dwdith E-TM1.1 with N-TM Low Channel, 1937.5 MHz Mid Channel, 1932.5 MHz | 7.06 7.04 7.20 7.13 7.16 7.28 7.14 | 13 13 13 13 13 13 13 13 | Pass Pass Pass Pass Pass Pass Pass Pass |
| | 10 MHz Band 15 MHz Band 20 MHz Band | E-TM1.1 with N-TM Low Channel, 1932.5 MHz Mid Channel, 1962.5 MHz High Channel, 1992.5 MHz dwdith E-TM1.1 with N-TM Low Channel, 1935 MHz Mid Channel, 1962.5 MHz High Channel, 1962.5 MHz Low Channel, 1937.5 MHz Mid Channel, 1937.5 MHz Mid Channel, 1987.5 MHz High Channel, 1987.5 MHz High Channel, 1987.5 MHz | 7.06 7.04 7.20 7.13 7.16 7.28 | 13 13 13 13 13 13 13 | Pass Pass Pass Pass Pass Pass |
| | 10 MHz Band 15 MHz Band 20 MHz Band | E-TM1.1 with N-TM Low Channel, 1932.5 MHz Mid Channel, 1962.5 MHz High Channel, 1992.5 MHz dwdith E-TM1.1 with N-TM Low Channel, 1935 MHz Mid Channel, 1962.5 MHz High Channel, 1962.5 MHz Mid Channel, 1937.5 MHz Mid Channel, 1987.5 MHz High Channel, 1987.5 MHz | 7.06 7.04 7.20 7.13 7.16 7.28 7.14 7.19 | 13 13 13 13 13 13 13 13 13 13 13 | Pass Pass Pass Pass Pass Pass Pass Pass |
| | 10 MHz Band 15 MHz Band 20 MHz Band | E-TM1.1 with N-TM Low Channel, 1932.5 MHz Mid Channel, 1932.5 MHz High Channel, 1932.5 MHz dwdth E-TM1.1 with N-TM Low Channel, 1935 MHz Mid Channel, 1962.5 MHz High Channel, 1962.5 MHz Mid Channel, 1937.5 MHz Mid Channel, 1937.5 MHz Mid Channel, 1987.5 MHz High Channel, 1987.5 MHz High Channel, 1987.5 MHz Cow Channel, 1987.5 MHz High Channel, 1987.5 MHz | 7.06 7.04 7.20 7.13 7.16 7.28 7.14 7.19 7.35 | 13 13 13 13 13 13 13 13 13 13 13 | Pass Pass Pass Pass Pass Pass Pass Pass |
| | 10 MHz Band 15 MHz Band 20 MHz Band | E-TM1.1 with N-TM Low Channel, 1932.5 MHz Mid Channel, 1962.5 MHz High Channel, 1992.5 MHz dwdith E-TM1.1 with N-TM Low Channel, 1935 MHz Mid Channel, 1962.5 MHz High Channel, 1962.5 MHz Mid Channel, 1937.5 MHz Mid Channel, 1987.5 MHz High Channel, 1987.5 MHz | 7.06 7.04 7.20 7.13 7.16 7.28 7.14 7.19 | 13 13 13 13 13 13 13 13 13 13 13 | Pass Pass Pass Pass Pass Pass Pass Pass |





0.0001 %

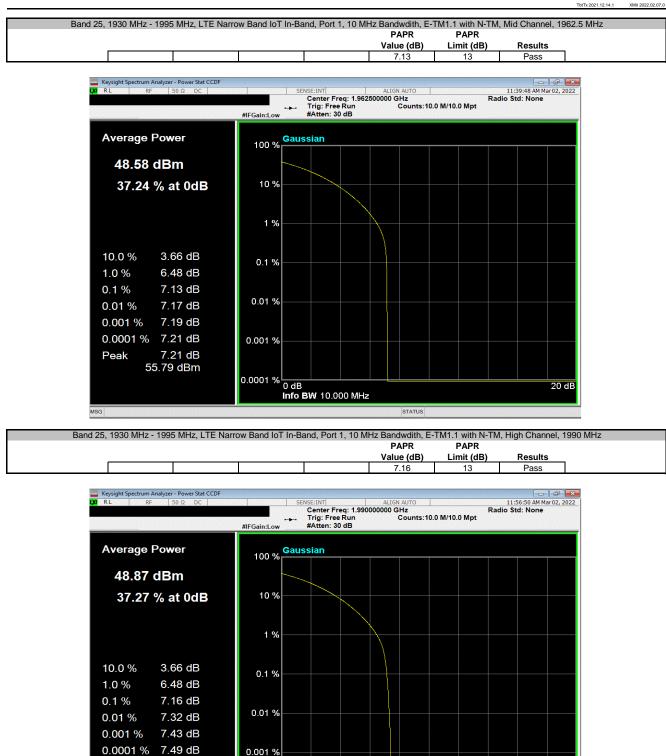
0 dB Info BW 5.0000 MHz

STATUS









Peak

7.52 dB

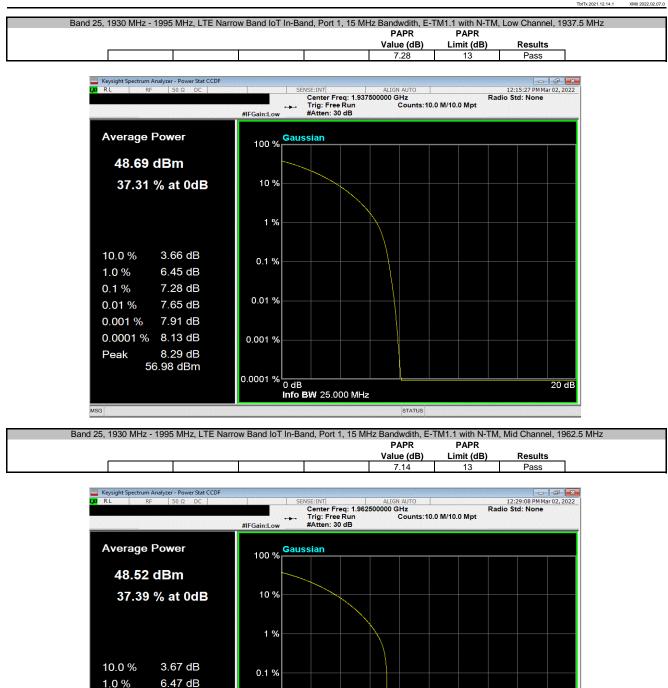
0.0001 %

0 dB Info BW 10.000 MHz

STATUS

56.39 dBm





0.1 %

0.01 %

Peak

0.001 %

0.0001 % 7.26 dB

7.14 dB

7.20 dB

7.23 dB

7.28 dB

55.80 dBm

0.01 %

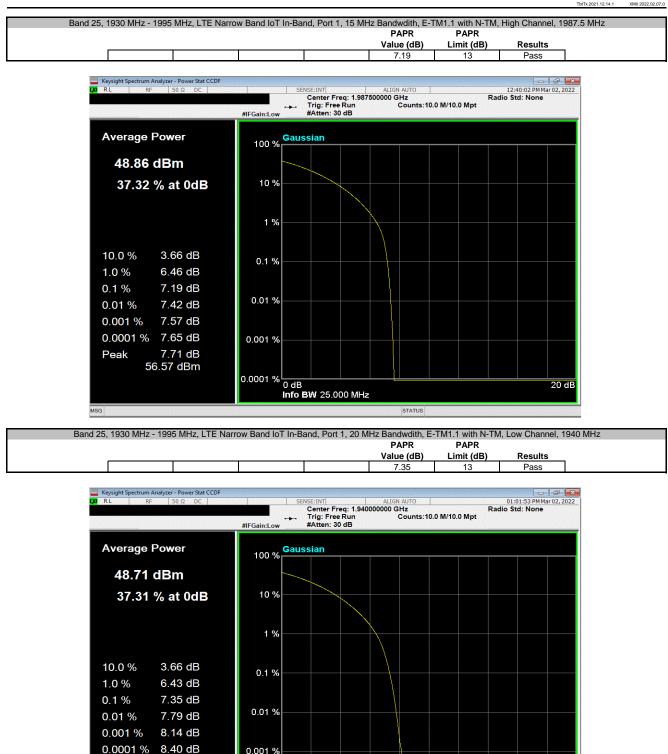
0.001 %

0.0001 %

0 dB Info BW 25.000 MHz

STATUS





0.001 %

0.0001 %

0 dB Info BW 25.000 MHz

STATUS

8.52 dB

57.23 dBm

Peak





0.0001 % 7.88 dB

Peak

7.90 dB

56.79 dBm

0.001 %

0.0001 %

0 dB Info BW 25.000 MHz



| | | | | | | TbtTx 2021.12.14.1 | XMit 2022.02.07.0 | |
|--|--|---|--|---------------------------------|--|--|--|--|
| | AHFII Remote Radio Hea | ad | | | Work Order: | | | |
| Serial Number: | | | | | | 28-Feb-22 | | |
| Customer: Nokia Solutions and Networks | | | | Temperature: 22.6 °C | | | | |
| | David Le, John Rattanav | vong | | | Humidity: 23.7% RH | | | |
| Project: | | | | | Barometric Pres.: 1026 mbar | | | |
| | Mark Baytan | | Power: 54 VDC | | Job Site: | TX09 | | |
| TEST SPECIFICATIO | ONS | | Test Method | | | | | |
| FCC 27:2022 | | | ANSI C63.26:2015 | | | | | |
| RSS-139 Issue 3:201 | 15 | | RSS-139 Issue 3:2015 | | | | | |
| RSS-170 Issue 3:201 | 15 | | RSS-170 Issue 3:2015 | | | | | |
| COMMENTS | | | | | | | | |
| All measurement pa | th loses accounted for i | in the reference level offest including a | any attenuators, filters, and DC blocks. B | and 66 carriers enabled at maxi | num power is 80 watt | s/carrier. | | |
| | | | | | | | | |
| DEVIATIONS FROM | TEST STANDARD | | | | | | | |
| None | | | | | | | | |
| | | | 11 - | | | | | |
| Configuration # | 2 | - | 4+ Gt- | | | | | |
| - | | Signature | | | | | | |
| | | | | | PAPR | PAPR | | |
| | | | | | | | | |
| | | | | | Value (dB) | Limit (dB) | Results | |
| Band 66, 2110 MHz - | 2200 MHz, LTE Narrow E | Band IoT In Band | | | Value (dB) | Limit (dB) | Results | |
| | 2200 MHz, LTE Narrow E Port 1 | Band IoT In Band | | | Value (dB) | Limit (dB) | Results | |
| | | | | | Value (dB) | Limit (dB) | Results | |
| | Port 1 | | | | Value (dB) | Limit (dB) | Results | |
| | Port 1 | wdith E-TM1.1 with N-TM Low Channel, 2112.5 MHz | 2 | | 7.06 | 13 | Pass | |
| | Port 1 | wdith E-TM1.1 with N-TM Low Channel, 2112.5 MHz Mid Channel, 2155 MHz | | | 7.06 7.06 | 13 13 | | |
| | Port 1 5 MHz Band | wdith E-TM1.1 with N-TM Low Channel, 2112.5 MHz Mid Channel, 2155 MHz High Channel, 2197.5 MH | | | 7.06 | 13 | Pass | |
| | Port 1 | twdith E-TM1.1 with N-TM Low Channel, 2112.5 MHz Mid Channel, 2155 MHz High Channel, 2197.5 MH | | | 7.06 7.06 | 13 13 | Pass Pass | |
| | Port 1 5 MHz Band | wdith E-TM1.1 with N-TM Low Channel, 2112.5 MHz Mid Channel, 2155 MHz High Channel, 2197.5 MH dwdith E-TM1.1 with N-TM | | | 7.06 7.06 7.06 | 13 13 13 | Pass Pass Pass | |
| | Port 1 5 MHz Band | Wdith E-TM1.1 with N-TM Low Channel, 2112.5 MH; Mid Channel, 2155 MHz High Channel, 2197.5 MH dwdith E-TM1.1 with N-TM Low Channel, 2115 MHz | | | 7.06 7.06 7.06 7.15 | 13 13 13 13 | Pass Pass Pass Pass | |
| | Port 1 5 MHz Band | twdith E-TM1.1 with N-TM Low Channel, 2112.5 MHz Mid Channel, 2155 MHz High Channel, 2197.5 MH dwdith E-TM1.1 with N-TM Low Channel, 2115 MHz Mid Channel, 2155 MHz | | | 7.06 7.06 7.06 7.15 7.13 | 13 13 13 13 13 | Pass Pass Pass Pass Pass | |
| | 5 MHz Band | twdith E-TM1.1 with N-TM Low Channel, 2112.5 MHz Mid Channel, 2155 MHz High Channel, 2197.5 MH e-TM1.1 with N-TM Low Channel, 2115 MHz Mid Channel, 2115 MHz High Channel, 2155 MHz | | | 7.06 7.06 7.06 7.15 | 13 13 13 13 | Pass Pass Pass Pass | |
| | Port 1 5 MHz Band | Wdith E-TM1.1 with N-TM Low Channel, 2112.5 MH; Mid Channel, 2155 MHz High Channel, 2197.5 MH dwdith E-TM1.1 with N-TM Low Channel, 2115 MHz Mid Channel, 2155 MHz High Channel, 2195 MHz | | | 7.06 7.06 7.06 7.15 7.13 | 13 13 13 13 13 | Pass Pass Pass Pass Pass | |
| | 5 MHz Band | twdith E-TM1.1 with N-TM Low Channel, 2112.5 MHz Mid Channel, 2155 MHz High Channel, 2197.5 MH dwdith E-TM1.1 with N-TM Low Channel, 2115 MHz Mid Channel, 2155 MHz High Channel, 2195 MHz dwdith E-TM1.1 with N-TM | : | | 7.06 7.06 7.06 7.15 7.13 7.15 | 13 13 13 13 13 13 13 13 | Pass Pass Pass Pass Pass Pass Pass | |
| | 5 MHz Band | twdith E-TM1.1 with N-TM Low Channel, 2112.5 MHz Mid Channel, 2155 MHz High Channel, 2197.5 MH adwdith E-TM1.1 with N-TM Low Channel, 2115 MHz Mid Channel, 2155 MHz High Channel, 2195 MHz adwdith E-TM1.1 with N-TM Low Channel, 2117.5 MHz | : | | 7.06 7.06 7.06 7.15 7.13 7.15 7.17 | 13 13 13 13 13 13 13 13 | Pass Pass Pass Pass Pass Pass Pass | |
| | 5 MHz Band | twdith E-TM1.1 with N-TM Low Channel, 2112.5 MHz Mid Channel, 2155 MHz High Channel, 2197.5 MHz dwdith E-TM1.1 with N-TM Low Channel, 2115 MHz High Channel, 2155 MHz High Channel, 2155 MHz Mid Channel, 2117.5 MHz Mid Channel, 2155 MHz | : | | 7.06 7.06 7.06 7.15 7.13 7.15 7.13 7.15 | 13 13 13 13 13 13 13 13 13 13 | Pass Pass Pass Pass Pass Pass Pass Pass | |
| | Fort 1 5 MHz Band 10 MHz Ban 15 MHz Ban | twdith E-TM1.1 with N-TM Low Channel, 2112.5 MHz Mid Channel, 2155 MHz High Channel, 2197.5 MH dwdith E-TM1.1 with N-TM Low Channel, 2115 MHz High Channel, 2195 MHz dwdith E-TM1.1 with N-TM Low Channel, 2117.5 MHz Mid Channel, 2125 MHz High Channel, 2125 MHz | : | | 7.06 7.06 7.06 7.15 7.13 7.15 7.17 | 13 13 13 13 13 13 13 13 | Pass Pass Pass Pass Pass Pass Pass | |
| | 5 MHz Band | twdith E-TM1.1 with N-TM Low Channel, 2112.5 MHz Mid Channel, 2155 MHz High Channel, 2197.5 MH Comparison of the temperature Mid Channel, 2115 MHz Mid Channel, 2155 MHz High Channel, 2117.5 MHz Mid Channel, 2155 MHz High Channel, 2155 MHz High Channel, 2192.5 MHz High Channel, 2192.5 MHz | : | | 7.06 7.06 7.06 7.15 7.13 7.15 7.13 7.15 | 13 13 13 13 13 13 13 13 13 13 | Pass Pass Pass Pass Pass Pass Pass Pass | |
| | Fort 1 5 MHz Band 10 MHz Ban 15 MHz Ban | twdith E-TM1.1 with N-TM Low Channel, 2112.5 MH2 Mid Channel, 2155 MH2 High Channel, 2197.5 MH2 dwdith E-TM1.1 with N-TM Low Channel, 2115 MH2 Mid Channel, 2155 MH2 High Channel, 2117.5 MH2 Mid Channel, 2155 MH2 High Channel, 2155 MH2 High Channel, 2192.5 MH2 High | : | | 7.06 7.06 7.06 7.15 7.13 7.15 7.13 7.15 7.17 7.14 7.17 | 13 13 13 13 13 13 13 13 13 13 13 13 | Pass Pass Pass Pass Pass Pass Pass Pass | |
| | Fort 1 5 MHz Band 10 MHz Ban 15 MHz Ban | twdith E-TM1.1 with N-TM Low Channel, 2112.5 MHz Mid Channel, 2155 MHz High Channel, 2197.5 MH dwdith E-TM1.1 with N-TM Low Channel, 2155 MHz High Channel, 2195 MHz Mid Channel, 2195 MHz Mid Channel, 2195 MHz Mid Channel, 2155 MHz High Channel, 2155 MHz Mid Channel, 2152 MHz High Channel, 2120 MHz Low Channel, 2120 MHz | : | | 7.06 7.06 7.06 7.15 7.13 7.15 7.17 7.14 7.17 7.18 | 13 13 13 13 13 13 13 13 13 13 13 13 | Pass Pass Pass Pass Pass Pass Pass Pass | |
| | Fort 1 5 MHz Band 10 MHz Ban 15 MHz Ban | twdith E-TM1.1 with N-TM Low Channel, 2112.5 MH2 Mid Channel, 2155 MH2 High Channel, 2197.5 MH2 dwdith E-TM1.1 with N-TM Low Channel, 2115 MH2 Mid Channel, 2155 MH2 High Channel, 2117.5 MH2 Mid Channel, 2155 MH2 High Channel, 2155 MH2 High Channel, 2192.5 MH2 High | : | | 7.06 7.06 7.06 7.15 7.13 7.15 7.13 7.15 7.17 7.14 7.17 | 13 13 13 13 13 13 13 13 13 13 13 13 | Pass Pass Pass Pass Pass Pass Pass Pass | |



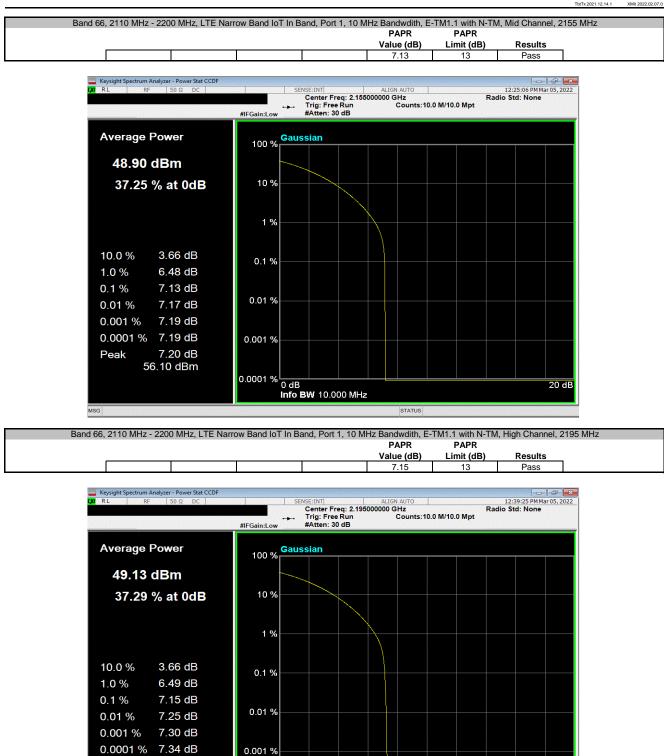


STATUS









Peak

7.36 dB

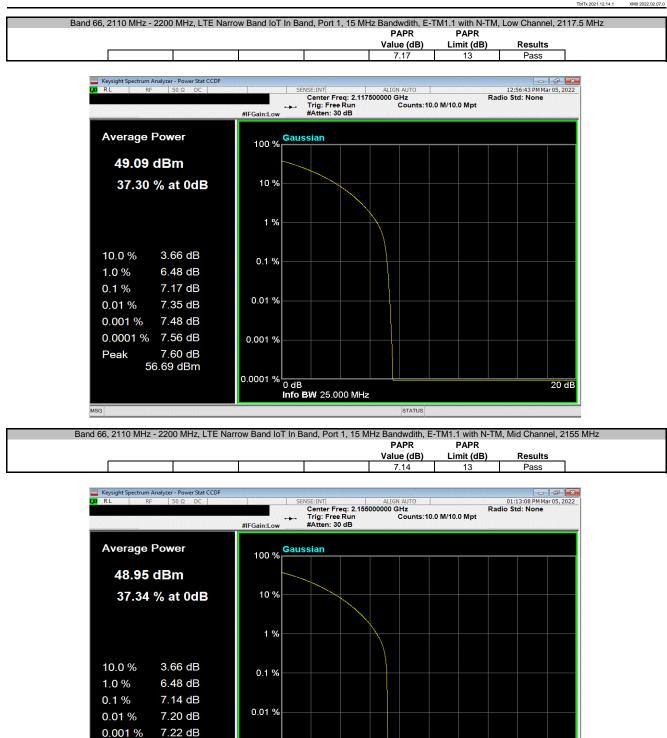
0.0001 %

0 dB Info BW 10.000 MHz

STATUS

56.49 dBm





0.0001 % 7.23 dB

Peak

7.24 dB

56.19 dBm

0.001 %

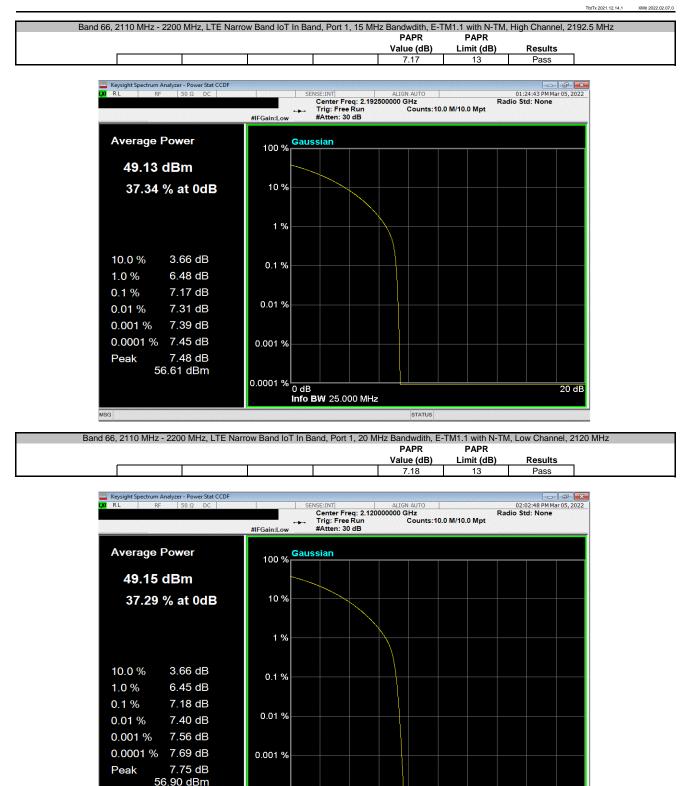
0.0001 %

0 dB Info BW 25.000 MHz

STATUS

element

PEAK TO AVERAGE POWER (PAPR) CCDF - IN-BAND



0.0001 %

0 dB Info BW 25.000 MHz

STATUS

element

PEAK TO AVERAGE POWER (PAPR) CCDF - IN-BAND



1% 10.0 % 3.66 dB 0.1 % 6.46 dB 1.0 % 0.1 % 7.16 dB 0.01 % 0.01 % 7.36 dB 0.001 % 7.48 dB 0.0001 % 7.58 dB 0.001 % 7.60 dB Peak 56.70 dBm 0.0001 % 0 dB Info BW 25.000 MHz 20 dB

PEAK TO AVERAGE POWER (PAPR) CCDF - STAND ALONE



XMit 2022.02.07.0

Testing was performed using the mode(s) of operation and configuration(s) noted within the report. The individuals and/or the organization requesting the test provided the modes, configurations and settings used to complete the evaluation. The actual test parameters are specified in the test data, this includes items such as investigated frequency range (scanned) and test levels. The testing methods and performance specifications, as well as the test site used for the evaluation are indicated in the test data.

TEST EQUIPMENT

| Description | Manufacturer | Model | ID | Last Cal. | Cal. Due |
|--------------------|--------------------|--------|-----|------------|------------|
| Generator - Signal | Agilent | N5173B | TIW | 2020-07-17 | 2023-07-17 |
| Block - DC | Fairview Microwave | SD3379 | AMT | 2021-09-14 | 2022-09-14 |
| Receiver | Rohde & Schwarz | ESR26 | ARQ | 2021-05-11 | 2022-05-11 |

TEST DESCRIPTION

The measurement was made using a direct connection between the RF output of the EUT and a spectrum analyzer.

Because the conducted Output Power was measured using a RMS Average detector, the Peak to Average Power Ratio (PAPR) was measured to show that the maximum peak-max-hold spectrum to the maximum of the average spectrum does not exceed the rule part defined limit.

The PAPR measurement method is described in ANSI C63.26 section 5.2.3.4. The PAPR was measured using the CCDF function of the spectrum analyzer.

Per FCC part 24.232(d) and RSS 133 6.4, the PAPR limit shall not exceed 13 dB for more than the ANSI described 0.1% of the time.

Per FCC part 27.50(d)(5), RSS-139 6.5, and RSS-170 5.3.1, the peak-to-average power ratio (PAPR) shall not exceed 13dB.

RF conducted emissions testing was performed only on one port. All four AHFII antenna ports are essentially electrically identical (the RF power variation between antenna ports is small as shown in this certification testing) and antenna port 1 was selected to perform the testing under this effort as allowed by ANSI C63.26-2015 paragraphs 5.2.5.3, 5.7.2i, and 6.4.

PEAK TO AVERAGE POWER (PAPR) CCDF - STAND ALONE



| | | | | | TbtTx 2021.12.14.1 | XMit 2022.02.07.0 |
|------------------------|----------------------------|--|--------------------------------|--------------------------------------|--------------------|---------------------|
| EUT: | AHFII Remote Radio Hea | 1 | | Work Order: | NOKI0037 | |
| Serial Number: | YK214000036 | | | Date: | 28-Feb-22 | |
| Customer: | Nokia Solutions and Net | vorks | | Temperature: | | |
| | David Le, John Rattanav | ong | | | 23.7% RH | |
| Project: | | | | Barometric Pres.: | 1026 mbar | |
| | Mark Baytan | Power: 54 V | | Job Site: | TX09 | |
| TEST SPECIFICAT | IONS | | Method | | | |
| FCC 24E:2022 | | ANS | C63.26:2015 | | | |
| RSS-133 Issue 6:20 | 013+A1:2018 | RSS | 133 Issue 6:2013+A1:2018 | | | |
| COMMENTS | | | | | | |
| All measurement p | ath loses accounted for in | the reference level offest including any attenuators, filters, a | nd DC blocks. The Band 25 NB I | oT Standalone carrier was enabled at | maximum power o | f 20 watts/carrier. |
| | | | | | - | |
| DEVIATIONS FROM | M TEST STANDARD | | | | | |
| None | | | | | | |
| Configuration # | 2 | Signature | | | | |
| | | | | PAPR Value (dB) | PAPR Limit (dB) | Results |
| Band 25, 1930 MHz | - 1995 MHz, LTE Narrow B | and IoT Stand Alone | | | | |
| | Port 1 | | | | | |
| | 200 kHz Ban | | | | | |
| | | N-TM | | | | _ |
| | | Low Channel, 1930.2 MHz | | 7.83 | 13 | Pass |
| | | Mid Channel, 1962.5 MHz | | 7.84 | 13 | Pass |
| | | High Channel, 1994.8 MHz | | 7.84 | 13 | Pass |

PEAK TO AVERAGE POWER (PAPR) CCDF - STAND ALONE





51.60 dBm

0.0001 %

0 dB Info BW 1.0000 MHz

PEAK TO AVERAGE POWER (PAPR) CCDF - STAND ALONE





PEAK TO AVERAGE POWER (PAPR) CCDF - STAND ALONE

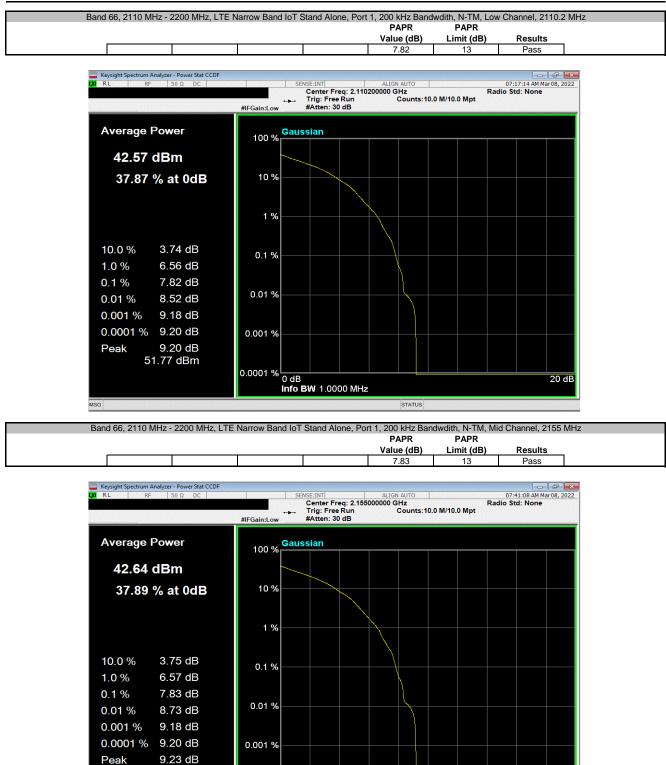


| | | | | | TbtTx 2021.12.14.1 | XMit 2022.02.07. |
|--------------------|---|------------------|-----------|--------------------|--------------------|------------------|
| | AHFII Remote Radio Head | | | Work Order: | | |
| Serial Number: | YK214000036 | | | Date: | 28-Feb-22 | |
| Customer | Nokia Solutions and Networks | | | Temperature: | 22.6 °C | |
| | David Le, John Rattanavong | | | | 23.7% RH | |
| Project: | None | | | Barometric Pres.: | 1026 mbar | |
| Tested by: | Mark Baytan | Power: 54 VDC | | Job Site: | TX09 | |
| TEST SPECIFICAT | IONS | Test Metho | b | | | |
| FCC 27:2022 | | ANSI C63.2 | 6:2015 | | | |
| RSS-139 Issue 3:20 | 015 | RSS-139 lss | ue 3:2015 | | | |
| RSS-170 Issue 3:20 | D15 | RSS-170 lss | ue 3:2015 | | | |
| COMMENTS | | | | | | |
| DEVIATIONS FROM | M TEST STANDARD | | | | | |
| None | | | | | | |
| Configuration # | 2 Signal | MAL Gyt | | | | |
| | · · · · | | | PAPR Value (dB) | PAPR Limit (dB) | Results |
| Band 66, 2110 MHz | - 2200 MHz, LTE Narrow Band IoT Stand Alone Port 1 200 kHz Bandwdith N-TM | | | | | |
| | | annel 2110.2 MHz | | 7.82 | 13 | Pass |

| Low Channel, 2110.2 MHz | 7.82 | 13 | Pass |
|--------------------------|------|----|------|
| Mid Channel, 2155 MHz | 7.83 | 13 | Pass |
| High Channel, 2199.8 MH; | 7.85 | 13 | Pass |

PEAK TO AVERAGE POWER (PAPR) CCDF - STAND ALONE





51.87 dBm

0.0001 %

0 dB Info BW 1.0000 MHz

STATUS

PEAK TO AVERAGE POWER (PAPR) CCDF - STAND ALONE



